

# Illinois Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62701



## MEMORANDUM

RECEIVED

IL Environmental Protection Agency

DATE: August 24, 1981  
TO: Division Files  
FROM: Bob Broms  
SUBJECT: Sauget -- Bypassing From Union Electric Power Cut-off

AUG 27 1981

Division of Water Pollution Control  
Field Operations Section — Reg. VI

On August 11, 1981, Bonnie Delay informed me that she had received a call from Sauget telling her that Union Electric was going to shut off Sauget's power for 8 hours on August 13, 1981 causing complete bypassing of the treatment works.

Since this then became a legal question (of Enforcement), we attempted to contact Steve Ewart or Gary King. Neither being in, I talked to Joe Svoboda at about 5:00. Joe's opinion was that we should contact both Sauget and U-E, tell them of the violations they could both be liable for, send them a telegram and possibly go into court and obtain a temporary restraining order.

At 8:25 A.M., August 12, 1981, I contacted Carl Marcioni of Sauget. I informed him of the potential violations, enforcement actions, and asked if something couldn't be worked out. He said that they had reduced the potential outage down to 2-45 minute periods. I informed him that that was still unacceptable to the Agency.

Immediately after calling Sauget, I called U-E and explained the situation. Michael Meyer of U-E responded that he wanted to investigate the situation further and get back to us. The key to the situation was to run a 100 horsepower pump.

Meyer called Bonnie back and asked when bypassing would be acceptable, and Bonnie told him at no time is intentional bypassing acceptable. Meyer then informed Bonnie that the shutdown would be postponed until something could be worked out.

REB:sd/1521c/4

cc: Joe Svoboda  
Gary King  
Steve Ewart  
Bonnie Delay ✓

US EPA RECORDS CENTER REGION 5



412180

## Specifications and Statement of Work

### Background

Dead Creek is located in the towns of Sauget and Cahokia in St. Clair County, Illinois. The creek supplies drainage for part of the Mississippi River flood plain known as the American Bottoms. During the past forty years Dead Creek has received industrial wastes from a variety of industries including the Harold Waggoner Trucking Company, Monsanto Corporation, Midwest Rubber Reclaiming Company, Chemical Warfare Service Division of the U.S. Army, Lewin Metals Company (now the Cerro Copper Company), American Zinc (now AMAX Zinc), LuBright Refinery (now a Mobil Oil Marketing Terminal) and Empire Disposal. A majority of these discharges were eliminated prior to 1971 when a culvert under New Queeny Avenue was plugged. These industrial wastes are now discharged to the Sauget Wastewater Treatment plant.

The creek was blocked at Judith Lane which prevented contaminated waters from being transported downstream. Concentration of several metals including barium, copper, lead, nickel, phosphorous and zinc exceeded several thousand parts per million (ppm). Polychlorinated biphenyls (10000 ppm), dichlorobenzene (12000 ppm), xylene (540 ppm), trichlorobenzene (3700 ppm), chloronitrobenzene (240 ppm), biphenyl (9000 ppm), dichlorophenol (170 ppm), alkylbenzenes (370 ppm), naphthalenes (650 ppm), and hydrocarbons (21000 ppm) were also identified in a few of the samples.

### Scope of Work

The Contractor shall furnish the necessary personnel, materials, services, facilities (except as otherwise specified herein), and otherwise do all things necessary or incident to the performance of the work as set forth below:

#### Products

- a) Fence - Chain link wire fabric shall be made of No. 9 gauge galvanized steel wire, woven in a 2 inch mesh. Top and bottom edges shall be twisted and barbed. The fabric will be one piece with a width of 72 inches. 7
- b) Barbed Wire - Galvanized steel wire shall consist of two strands of No. 12 1/2 gauge steel wire with four point barbs on five inch centers. 6
- c) Posts and Bracing - Pipe line posts shall be 2" OD galvanized steel pipe. *Schedule 40 pipe* 1

Corner and gate posts shall be 3" OD galvanized steel pipe.

Bracing and top rail shall be 1 - 5/8" OD galvanized steel pipe.